

EARTH TECH		F.A.U. R.T.E.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
A <b>tyco</b> INTERNATIONAL LTD. COMPANY		96-00099-00-BR		DUPAGE		62	3
		STA.		TO STA.			
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			

**CONTRACT 83664**

IT HAS BEEN CONFIRMED THAT ASBESTOS IS PRESENT IN THE OVERLAY OF THE EXISTING STRUCTURE. AT THE PRECONSTRUCTION MEETING, THE CONTRACTOR AND THE CITY SHALL FILL OUT FORM IL 532 1296 APC 430 (REV. 3/00) AND SUBMIT IT TO THE ILLINOIS EPA IN ACCORDANCE WITH THE PROCEDURES IN BDE MEMORANDUM \*26-02. WHERE ASBESTOS IS PRESENT ON THE BRIDGE, IT IS SUBJECT TO THE REQUIREMENT THAT A TRAINED ASBESTOS SPECIALIST BE PRESENT WHEN ASBESTOS CONTAINING MATERIAL IS STRIPPED, REMOVED OR DISTURBED. THE SPECIAL PROVISION "ASBESTOS WATERPROOFING MEMBRANE AND ASBESTOS BITUMINOUS CONCRETE SURFACE REMOVAL" AND THE PAY ITEM BITUMINOUS CONCRETE SURFACE REMOVAL (ASBESTOS) HAVE BEEN INCLUDED IN THIS CONTRACT. IT IS THE RESPONSIBILITY OF THE CITY TO SUBMIT BLR 5904 AFTER THE REMOVAL OF ASBESTOS FROM THE STRUCTURE.

1. ALL STORM MANHOLE OR CATCH BASIN ADJUSTMENT OF FRAMES WILL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS SET IN A FULL BED OF BUTYL ROPE JOINT SEALANT AND NO MORE THAN 12" OF ADJUSTING RINGS WILL BE PERMITTED.
2. ALL DRAINAGE STRUCTURES WILL HAVE POURED INVERTS CONFORMING TO THE SHAPE OF THE PIPE.
3. "BAND-SEAL" OR SIMILAR COUPLINGS SHALL BE USED WHEN JOINING SEWER PIPES OF DISSIMILAR MATERIALS.
4. ALL EXISTING FIELD DRAINAGE TILE ENCOUNTERED OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION, PROPERLY REROUTED AND/OR CONNECTED TO THE STORM SEWER SYSTEM.
5. TRENCH BACKFILL SHALL BE USED IN ALL LOCATIONS WHERE THE PROPOSED UNDERGROUND UTILITY IS TO BE CONSTRUCTED UNDER PERMANENT TYPE PAVEMENTS, DRIVEWAYS, OR SIDEWALKS; IN ANY UTILITY TRENCH OVER WHICH ANOTHER UTILITY WILL PASS; OR AS DIRECTED BY THE ENGINEER.
6. AT THE COMPLETION OF THE PROJECT, ONE SET OF PLANS WITH RECORD MEASUREMENTS IS TO BE SUBMITTED TO THE ENGINEER SHOWING THE LOCATION OF ALL THE SERVICES, PIPES, STRUCTURES, GRADING AND UTILITIES.
7. CONNECTIONS TO EXISTING SANITARY, STORM AND WATER SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE ITEM INSTALLED.
8. DRAINAGE STRUCTURES AND SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS EXPENSE. NO PAYMENT WILL BE MADE FOR CLEANING STRUCTURES OR SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT.
9. TRENCH BACKFILL WILL BE PAID FOR IN ACCORDANCE WITH I.D.O.T.'S 2002 EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
10. THE UNDERGROUND CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ON GRADE AND COORDINATE WITH OTHER CONTRACTORS ALL UNDERGROUND STRUCTURE FRAMES SUCH AS CATCH BASINS, INLETS, MANHOLES, HYDRANTS, BUFFALO BOXES, VALVES ETC. NO ADDITIONAL COMPENSATION WILL BE PAID AND SAID ADJUSTMENTS SHALL BE CONSIDERED INCLUDED IN THE OTHER ITEMS OF CONSTRUCTION.
11. CONNECTIONS TO EXISTING STORM SEWER STRUCTURES SHALL BE DONE BY CORING THE CONCRETE BARREL SECTION.
12. THE CONTRACTOR SHALL PROVIDE VERTICAL BENDS AND USE JOINT DEFLECTION AS NEEDED TO CONNECT TO EXISTING WATERMAIN AND AVOID CONFLICTING UTILITIES. ALL BENDS, JOINTS AND TEES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR DUCTILE IRON WATER MAIN OF THE SIZE SPECIFIED ON THE PLANS.
13. THE CONTRACTOR SHALL TEST AND CHLORINATE THE NEW WATERMAIN SYSTEM PRIOR TO CONNECTING ANY EXISTING WATER SERVICES. THE CONTRACTOR SHALL CUT AND CAP EXISTING WATERMAIN AFTER NEW WATERMAIN AND ALL SERVICES ARE OPERATIONAL.
14. THE CONTRACTOR SHALL CONTACT THE CITY'S DEPARTMENT OF PUBLIC UTILITIES - WATER DIVISION 48 HOURS IN ADVANCE OF PROPOSED CONNECTION TO EXISTING WATERMAINS.
15. THE CONTRACTOR SHALL REMOVE EXISTING ABANDONED SANITARY SEWER WHERE IT CONFLICTS WITH CONSTRUCTION OF NEW FACILITIES. THE CONTRACTOR SHALL ALSO REMOVE EXISTING WATERMAIN TO PROPOSED REDUCERS. EXISTING UTILITIES SHALL BE CUT OFF AT THE TRENCH LIMITS AND PLUGGED WITH A MIN. OF 12" THICK CONCRETE PLUG. THE COST OF REMOVAL, BACKFILL, CUTTING AND CAPPING SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
16. ALL WATERMAIN JOINTS SHALL HAVE RESTRAINED JOINTS, MEGALUG 100 SERIES OR UNIFLANCE BLOCKBUSTER 1400 SERIES.
17. THE CONTRACTOR SHALL EXECUTE EXTREME CAUTION WHILE WORKING IN, ON OR NEAR ELECTRICAL FACILITIES. HE AND ALL HIS SUB-CONTRACTOR'S WORKERS SHALL FOLLOW APPROPRIATE OSHA LOCK-OUT/TAG-OUT PROCEDURES.
18. EXISTING ELECTRICAL FACILITIES SHALL BE DE-ENERGIZED PRIOR TO THE CONTRACTOR AND HIS SUBCONTRACTOR'S WORKERS COMMENCING WORK. THEY ARE TO CONTACT THE CITY'S DEPARTMENT OF PUBLIC UTILITIES - ELECTRICAL (DPU-E) DIVISION TO DE-ENERGIZE ALL NEARBY ELECTRICAL CIRCUITS AND UTILITIES.
19. CONNECTIONS TO EXISTING ELECTRICAL FACILITIES SHALL BE ACCOMPLISHED ONLY BY THE CONTRACTOR'S EMPLOYEES AND HIS SUB-CONTRACTOR'S EMPLOYEES THAT ARE TRAINED TO WORK ON MEDIUM VOLTAGE FACILITIES (LESS THAN 72.5 KV), IN ACCORDANCE WITH OSHA REGULATIONS, 29 CFR. A MINIMUM OF TWO (2) SUCH QUALIFIED PERSONNEL SHALL BE PRESENT WHILE WORKING ON OR NEAR THESE FACILITIES.
20. THE CONTRACTOR SHALL ARRANGE FOR INSPECTIONS OF HIS AND HIS SUB-CONTRACTOR'S WORK, BY DPU-E DIVISION AT CONNECTION POINTS, IN THE VAULTS AND AT THE EXISTING DUCT BANKS AND CABLES AT THE TIME OF HIS WORK.
21. THE PROPOSED WATERMAIN STUB AND ELECTRIC MANHOLE ARE TO BE CONSTRUCTED BY OTHERS PRIOR TO THIS PROJECT AS PART OF THE MAIN STREET AND CHICAGO AVENUE UTILITY IMPROVEMENTS PROJECT. THE LOCATION OF THE WATERMAIN STUB IS TO BE TRIANGULATED, MARKED ON THE PAVEMENT AND DOCUMENTATION PROVIDED TO THE CITY.
22. THE EXISTING STORM SEWER OUTFALL LOCATED FROM STA. 13+86, 20' LT. TO STA. 14+85, 39' LT. SHALL BE REMOVED FROM BELOW THE ROADWAY PAVEMENT AND THE REMAINDER SHALL BE ABANDONED AND PLUGGED. THE CONTRACTOR SHALL VERIFY THAT NO ADDITIONAL UNKNOWN STORM SEWER CONNECTIONS ARE MADE WITHIN THE PORTION OF PIPE TO BE ABANDONED. IF IT IS DETERMINED THAT THERE ARE CONNECTIONS, THE CONTRACTOR WILL MAINTAIN THE EXISTING 12" OUTFALL TO THE RIVER AS DIRECTED BY THE ENGINEER.
23. THE EXISTING STORM SEWER OUTFALLS ON MAIN STREET SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS SPECIFIED FOR TEMPORARY DRAINAGE

[illegible]